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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/596,746	06/19/2000	Raymond J. Dattwyler	2631.1002-001	3998
21005 7	590 10/27/2005		EXAM	INER
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.			SWARTZ, RODNEY P	
530 VIRGINIA P.O. BOX 913			ART UNIT	PAPER NUMBER
	MA 01742-9133		1645	

DATE MAILED: 10/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
	09/596,746	DATTWYLER ET AL.				
Office Action Summary	Examiner	Art Unit				
·	Rodney P. Swartz, Ph.D.	1645				
The MAILING DATE of this communication app	ears on the cover sheet with the	correspondence address				
Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tinuity will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. mely filed the mailing date of this communication. ED (35 U.S.C. § 133).				
Status						
1)⊠ Responsive to communication(s) filed on 26 Sc	entember 2005					
	action is non-final.					
'=						
closed in accordance with the practice under E	·					
Disposition of Claims						
4)⊠ Claim(s) <u>1-11,39,41-43 and 49-52</u> is/are pendi	ng in the application					
4a) Of the above claim(s) is/are withdrawn from consideration.						
5)⊠ Claim(s) <u>1-9,39,41-43 and 49-52</u> is/are allowed.						
6)⊠ Claim(s) <u>10 and 11</u> is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/or	r election requirement.					
Application Papers						
9) The specification is objected to by the Examine	r.					
10)☐ The drawing(s) filed on is/are: a)☐ acce		Examiner.				
Applicant may not request that any objection to the						
Replacement drawing sheet(s) including the correct						
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	e Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:	priority under 35 U.S.C. § 119(a	n)-(d) or (f).				
1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the prior	rity documents have been receiv	ed in this National Stage				
application from the International Bureau	ı (PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list	of the certified copies not receive	ed.				
Attachment(s)						
1) Notice of References Cited (PTO-892)	4) Interview Summary	(PTO-413)				
2) DNotice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail D	oate				
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date	5) Notice of Informal I	Patent Application (PTO-152)				

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Art Unit: 1645

DETAILED ACTION

1. Applicants' Response to Office Action, received 26 September 2005, is acknowledged. Claims 10 and 11 have been amended.

2. Claims 1-11, 39, 41-43, and 49-52 are pending and under consideration.

New Sequence Listing Submission

3. Applicants' Response to Office Action, received 26 September 2005, contains a substitute "Sequence Listing" in paper form, sheets 1-108, which list 86 sequences. However, the substitute "Sequence Listing" in computer readable form only contains two sequences listed as SEQ ID NO:1 and SEQ ID NO:2 (see attached printout). Therefore, the contents of the paper form and the CRF are not the same.

Applicants are required to submit a proper computer readable form containing all of the sequences listed on the paper form.

Rejections Maintained

4. The rejection of claims 10 and 11 under 35 U.S.C. 112, second paragraph, indefiniteness for GenBank accessions numbers, is maintained until such time as a proper computer readable form and paper form of the sequence listings are submitted and entered including sequences labelled SEQ ID NO:85 and SEQ ID NO:86.

Conclusion

- 5. Claims 10 and 11 are rejected.
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rodney P. Swartz, Ph.D., Art Unit 1645, whose telephone number is (571) 272-0865. The examiner can normally be reached on Monday through Thursday from 5:30 AM to 4:00 PM EST.

Art Unit: 1645

If attempts to reach the Examiner by telephone are unsuccessful, the examiner's supervisor, Lynette F. Smith, can be reached on (571)272-0864.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RODNEY P SWARTZ, PH.D PRIMARY EXAMINER Art Unit 1645

October 26, 2005



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/596,746C
DATE: 09/30/2005
TIME: 10:54:52

Input Set : A:\2631.1002-001.txt

Output Set: N:\CRF4\09302005\1596746C.raw

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         GErald Seinost
         Daniel Dykhuizen
         Benjamin J. Luft
         Maria J.C. Gomes-Solecki
10 <120> TITLE OF INVENTION: Groups of Borrelia Burgdorferi and
   Borrelia Afzelii That Cause Lyme Disease In Humans
14 <130> FILE REFERENCE: 2631.1002-001
16 <140> CURRENT APPLICATION NUMBER: 09/596,746C
17 <141> CURRENT FILING DATE: 2000-06-19
19 <150> PRIOR APPLICATION NUMBER: 60/140,042
20 <151> PRIOR FILING DATE: 1999-06-18
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 192
28 <212> TYPE: PRT
29 <213> ORGANISM: borrelia burgdorferi
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38 Thr Ser Ile Asp Glu Leu Ala Lys Ala Ile Gly Lys Lys Ile Lys Asn
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40 Asp Val Ser Leu Asp Asn Glu Ala Asp His Asn Gly Ser Leu Ile Ser
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42 Gly Ala Tyr Leu Ile Ser Thr Leu Ile Thr Lys Lys Ile Ser Ala Ile
44 Lys Asp Ser Gly Glu Leu Lys Ala Glu Ile Glu Lys Ala Lys Lys Cys
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46 Ser Glu Glu Phe Thr Ala Lys Leu Lys Gly Glu His Thr Asp Leu Gly
47
          115
                               120
48 Lys Glu Gly Val Thr Asp Asp Asn Ala Lys Lys Ala Ile Leu Lys Thr
                           135
50 Asn Asn Asp Lys Thr Lys Gly Ala Asp Glu Leu Glu Lys Leu Phe Glu
                      150
                                           155
52 Ser Val Lys Asn Leu Ser Lys Ala Ala Lys Glu Met Leu Thr Asn Ser
                  165
                                       170
54 Val Lys Glu Leu Thr Ser Pro Val Val Ala Glu Ser Pro Lys Lys Pro
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RAW SEQUENCE LISTING DATE: 09/30/2005
PATENT APPLICATION: US/09/596,746C TIME: 10:54:52

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Output Set: N:\CRF4\09302005\1596746C.raw

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